

U.S. Patent No.: 6,700,305 B2
Attorney Docket No.: 15162/02820



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re **Certificate**
U. S. Patent No.: 6,700,305 B2 **AUG 18 2004**
Issued: March 2, 2004 **of Correction**
From: U.S. Serial No. 09/738,070
Filed: December 15, 2000
For: ACTUATOR USING A PIEZOELECTRIC
ELEMENT
By: Shinya MATSUDA and Takashi MATSUO

Certificates of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Certificates of Correction Branch, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on

August 9, 2004

Date of Deposit

Douglas A. Sorensen

Name of Applicant, Assignee, or Registered
Representative

Signature

August 9, 2004

Date of Signature

Dear Sir:

REQUEST FOR CERTIFICATE OF CORRECTION

It is respectfully requested that a Certificate of Correction be issued for U.S. Patent No. 6,700,305 B2, issued March 2, 2004, for the purpose of correcting errors contained in the patent.

Attached in duplicate is Form PTO-1050 (PTO/SB/44), with at least one copy being suitable for printing.

The printing errors contained in U.S. Patent No. 6,700,305 B2 are set forth below:

Column 7, line 36 (claim 6, line 25), "oscillates the first displacement expander at a second phase angle substantially supplementary to said first phase angle" was incorrectly printed by the Patent and Trademark Office as "oscillates the first phase angle". (See lines 18 and 19 of claim 6 as presented on page 4 of Applicants' Amendment mailed to the Patent and Trademark Office on September 6, 2002).

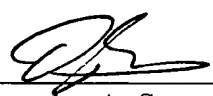
Column 8, line 19 (claim 11, line 12), "a driver" was incorrectly printed by the Patent and Trademark Office as "a drive". (See line 9 of claim 11, as presented on page 5 of Applicants' Amendment mailed to the Patent and Trademark Office on September 6, 2002).

The foregoing errors occurred in the printing of the patent, and thus constitute errors made by the Patent and Trademark Office.

Please issue a Certificate of Correction and transmit the Certificate to the attorney whose signature and address appear below.

Respectfully submitted,

By: _____


Douglas A. Sorensen
Reg. No. 31,570
Attorney for Patentees

DAS:pm
SIDLEY AUSTIN BROWN & WOOD LLP
717 N. Harwood, Suite 3400
Dallas, Texas 75201
Direct: (214) 981-3482
Main: (214) 981-3300
Facsimile: (214) 981-3400
August 9, 2004

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO : 6,700,305 B2
DATED : March 2, 2004
INVENTOR(S) : Shinya Matsuda et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7:

Line 36 (claim 6, line 25), delete "oscillates the first phase angle", and insert --oscillates the first displacement expander at a second phase angle substantially supplementary to said first phase angle--.

Column 8:

Line 19 (claim 11, line 12), delete "drive", and insert --driver--

MAILING ADDRESS OF SENDER:

Sidley Austin Brown & Wood LLP
717 North Harwood, Suite 3400
Dallas, Texas 75201

PATENT NO. 6,700,305 B2

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Certificates of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

23 AUG 2004

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO : 6,700,305 B2
DATED : March 2, 2004
INVENTOR(S) : Shinya Matsuda et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7:

Line 36 (claim 6, line 25), delete "oscillates the first phase angle", and insert --oscillates the first displacement expander at a second phase angle substantially supplementary to said first phase angle--.

Column 8:

Line 19 (claim 11, line 12), delete "drive", and insert --driver--

MAILING ADDRESS OF SENDER:

Sidley Austin Brown & Wood LLP
717 North Harwood, Suite 3400
Dallas, Texas 75201

PATENT NO. 6,700,305 B2

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Certificates of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

23 AUG 2004